

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/780,035

DATE: 03/14/2001
TIME: 18:29:52

Input Set : A:\Pto.amc
Output Set: N:\CRF3\03142001\I780035.raw

3 <110> APPLICANT: Ghayur, Tarig et al.
6 <120> TITLE OF INVENTION: ANTIBODIES THAT BIND HUMAN INTERLEUKIN-18 AND METHODS
7 OF MAKING AND USING
9 <130> FILE REFERENCE: BBI-149
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/780,035
C--> 12 <141> CURRENT FILING DATE: 2001-02-09
14 <150> PRIOR APPLICATION NUMBER: 60/181,608
15 <151> PRIOR FILING DATE: 2000-02-10
17 <160> NUMBER OF SEQ ID NOS: 71
19 <170> SOFTWARE: PatentIn Ver. 2.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 15
23 <212> TYPE: PRT
24 <213> ORGANISM: Homo sapiens
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28 1 5 10 15
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32 <211> LENGTH: 16
33 <212> TYPE: PRT
34 <213> ORGANISM: Homo sapiens
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37 Cys Pro Leu Phe Glu Asp Met Thr Asp Ser Asp Cys Arg Asp Asn Ala
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42 <211> LENGTH: 12
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44 <213> ORGANISM: Homo sapiens
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48 1 5 10
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52 <211> LENGTH: 157
53 <212> TYPE: PRT
54 <213> ORGANISM: Homo sapiens
56 <400> SEQUENCE: 4
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60 Asp Gln Val Leu Phe Ile Asp Gln Gly Asn Arg Pro Leu Phe Glu Asp
61 20 25 30
63 Met Thr Asp Ser Asp Cys Arg Asp Asn Ala Pro Arg Thr Ile Phe Ile
64 35 40 45
66 Ile Ser Met Tyr Lys Asp Ser Gln Pro Arg Gly Met Ala Val Thr Ile
67 50 55 60
69 Ser Val Lys Cys Glu Lys Ile Ser Thr Leu Ser Cys Glu Asn Lys Ile
70 65 70 75 80
72 Ile Ser Phe Lys Glu Met Asn Pro Pro Asp Asn Ile Lys Asp Thr Lys

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73 85 90 95
 75 Ser Asp Ile Ile Phe Phe Gln Arg Ser Val Pro Gly His Asp Asn Lys
 76 100 105 110
 76 100 105 110
 78 Met Gln Phe Glu Ser Ser Ser Tyr Glu Gly Tyr Phe Leu Ala Cys Glu
 79 115 120 125
 81 Lys Glu Arg Asp Leu Phe Lys Leu Ile Leu Lys Lys Glu Asp Glu Leu
 82 130 135 140
 84 Gly Asp Arg Ser Ile Met Phe Thr Val Gln Asn Glu Asp
 85 145 150 155
 88 <210> SEQ ID NO: 5
 89 <211> LENGTH: 153
 90 <212> TYPE: PRT
 91 <213> ORGANISM: Homo sapiens
 93 <400> SEQUENCE: 5
 94 Ala Pro Val Arg Ser Leu Asn Cys Thr Leu Arg Asp Ser Gln Gln Lys
 95 1 5 10 15
 95 1 5 10 15
 97 Ser Leu Val Met Ser Gly Pro Tyr Glu Leu Lys Ala Leu His Leu Gln
 98 20 25 30
 100 Gly Gln Asp Met Glu Gln Gln Val Val Phe Ser Met Ser Phe Val Gln
 101 35 40 45
 101 35 40 45
 103 Gly Glu Glu Ser Asn Asp Lys Ile Pro Val Ala Leu Gly Leu Lys Glu
 104 50 55 60
 104 50 55 60
 106 Lys Asn Leu Tyr Leu Ser Cys Val Leu Lys Asp Asp Lys Pro Thr Leu
 107 65 70 75 80
 107 65 70 75 80
 109 Gln Leu Glu Ser Val Asp Pro Lys Asn Tyr Pro Lys Lys Met Glu
 110 85 90 95
 110 85 90 95
 112 Lys Arg Phe Val Phe Asn Lys Ile Glu Ile Asn Asn Lys Leu Glu Phe
 113 100 105 110
 113 100 105 110
 115 Glu Ser Ala Gln Phe Pro Asn Trp Tyr Ile Ser Thr Ser Gln Ala Glu
 116 115 120 125
 116 115 120 125
 118 Asn Met Pro Val Phe Leu Gly Gly Thr Lys Gly Gly Gln Asp Ile Thr
 119 130 135 140
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 121 Asp Phe Thr Met Gln Phe Val Ser Ser
 122 145 150
 125 <210> SEQ ID NO: 6
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 127 <212> TYPE: PRT
 128 <213> ORGANISM: Homo sapiens
 130 <400> SEQUENCE: 6
 131 Ser Ser Lys Met Gln Ala Phe Arg Ile Trp Asp Val Asn Gln Lys Thr
 132 1 5 10 15
 132 1 5 10 15
 134 Phe Tyr Leu Arg Asn Asn Gln Leu Val Ala Gly Tyr Leu Gln Gly Pro
 135 20 25 30
 135 20 25 30
 137 Asn Val Asn Leu Glu Glu Lys Ile Asp Val Val Pro Ile Glu Pro His
 138 35 40 45
 138 35 40 45
 140 Ala Leu Phe Leu Gly Ile His Gly Gly Lys Met Cys Leu Ser Cys Val
 141 50 55 60
 141 50 55 60
 143 Lys Ser Gly Asp Glu Thr Arg Leu Gln Leu Glu Ala Val Asn Ile Thr
 144 65 70 75 80

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146 Asp Leu Ser Glu Asn Arg Lys Gln Asp Lys Arg Phe Ala Phe Ile Arg
147 85 90 95
149 Ser Asp Ser Gly Pro Thr Thr Ser Phe Glu Ser Ala Ala Cys Pro Gly
150 100 105 110
152 Trp Phe Leu Cys Thr Ala Met Glu Ala Asp Gln Pro Val Ser Leu Thr
153 115 120 125
155 Asn Met Pro Asp Glu Gly Val Met Val Thr Lys Phe Tyr Phe Gln Glu
156 130 135 140
158 Asp
159 145
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163 <211> LENGTH: 297
164 <212> TYPE: PRT
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167 <400> SEQUENCE: 7
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169 1 5 10 15
171 Leu Lys His Cys Ser Cys Ser Leu Ala His Glu Ile Glu Thr Thr Thr
172 20 25 30
174 Lys Ser Trp Tyr Lys Ser Ser Gly Ser Gln Glu His Val Glu Leu Asn
175 35 40 45
177 Pro Arg Ser Ser Ser Arg Ile Ala Leu His Asp Cys Val Leu Glu Phe
178 50 55 60
180 Trp Pro Val Glu Leu Asn Asp Thr Gly Ser Tyr Phe Phe Gln Met Lys
181 65 70 75 80
183 Asn Tyr Thr Gln Lys Trp Lys Leu Asn Val Ile Arg Arg Asn Lys His
184 85 90 95
186 Ser Cys Phe Thr Glu Arg Gln Val Thr Ser Lys Ile Val Glu Val Lys
187 100 105 110
189 Lys Phe Phe Gln Ile Thr Cys Glu Asn Ser Tyr Tyr Gln Thr Leu Val
190 115 120 125
192 Asn Ser Thr Ser Leu Tyr Lys Asn Cys Lys Leu Leu Leu Glu Asn
193 130 135 140
195 Asn Lys Asn Pro Thr Ile Lys Lys Asn Ala Glu Phe Glu Asp Gln Gly
196 145 150 155 160
198 Tyr Tyr Ser Cys Val His Phe Leu His His Asn Gly Lys Leu Phe Asn
199 165 170 175
201 Ile Thr Lys Thr Phe Asn Ile Thr Ile Val Glu Asp Arg Ser Asn Ile
202 180 185 190
204 Val Pro Val Leu Leu Gly Pro Lys Leu Asn His Val Ala Val Glu Leu
205 195 200 205
207 Gly Lys Asn Val Arg Leu Asn Cys Ser Ala Leu Leu Asn Glu Glu Asp
208 210 215 220
210 Val Ile Tyr Trp Met Phe Gly Glu Glu Asn Gly Ser Asp Pro Asn Ile
211 225 230 235 240
213 His Glu Glu Lys Glu Met Arg Ile Met Thr Pro Glu Gly Lys Trp His
214 245 250 255
216 Ala Ser Lys Val Leu Arg Ile Glu Asn Ile Gly Glu Ser Asn Leu Asn
217 260 265 270

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219 Val Leu Tyr Asn Cys Thr Val Ala Ser Thr Gly Gly Thr Asp Thr Lys
220 275 280 285
222 Ser Phe Ile Leu Val Arg Lys Ala Asp
223 290 295
226 <210> SEQ ID NO: 8
227 <211> LENGTH: 310
228 <212> TYPE: PRT
229 <213> ORGANISM: Homo sapiens
231 <400> SEQUENCE: 8
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233 1 5 10 15
235 Ile Asp Val Arg Pro Cys Pro Leu Asn Pro Asn Glu His Lys Gly Thr
236 20 25 30
238 Ile Thr Trp Tyr Lys Asp Asp Ser Lys Thr Pro Val Ser Thr Glu Gln
239 35 40 45
241 Ala Ser Arg Ile His Gln His Lys Glu Lys Leu Trp Phe Val Pro Ala
242 50 55 60
244 Lys Val Glu Asp Ser Gly His Tyr Tyr Cys Val Val Arg Asn Ser Ser
245 65 70 75 80
247 Tyr Cys Leu Arg Ile Lys Ile Ser Ala Lys Phe Val Glu Asn Glu Pro
248 85 90 95
250 Asn Leu Cys Tyr Asn Ala Gln Ala Ile Phe Lys Gln Lys Leu Pro Val
251 100 105 110
253 Ala Gly Asp Gly Gly Leu Val Cys Pro Tyr Met Glu Phe Phe Lys Asn
254 115 120 125
256 Glu Asn Asn Glu Leu Pro Lys Leu Gln Trp Tyr Lys Asp Cys Lys Pro
257 130 135 140
259 Leu Leu Leu Asp Asn Ile His Phe Ser Gly Val Lys Asp Arg Leu Ile
260 145 150 155 160
262 Val Met Asn Val Ala Glu Lys His Arg Gly Asn Tyr Thr Cys His Ala
263 165 170 175
265 Ser Tyr Thr Tyr Leu Gly Lys Gln Tyr Pro Ile Thr Arg Val Ile Glu
266 180 185 190
268 Phe Ile Thr Leu Glu Glu Asn Lys Pro Thr Arg Pro Val Ile Val Ser
269 195 200 205
271 Pro Ala Asn Glu Thr Met Glu Val Asp Leu Gly Ser Gln Ile Gln Leu
272 210 215 220
274 Ile Cys Asn Val Thr Gly Gln Leu Ser Asp Ile Ala Tyr Trp Lys Trp
275 225 230 235 240
277 Asn Gly Ser Val Ile Asp Glu Asp Asp Pro Val Leu Gly Glu Asp Tyr
278 245 250 255
280 Tyr Ser Val Glu Asn Pro Ala Asn Lys Arg Arg Ser Thr Leu Ile Thr
281 260 265 270
283 Val Leu Asn Ile Ser Glu Ile Glu Ser Arg Phe Tyr Lys His Pro Phe
284 275 280 285
286 Thr Cys Phe Ala Lys Asn Thr His Gly Ile Asp Ala Ala Tyr Ile Gln
287 290 295 300
289 Leu Ile Tyr Pro Val Thr
290 305 310

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293 <210> SEQ ID NO: 9
294 <211> LENGTH: 6
295 <212> TYPE: PRT
296 <213> ORGANISM: Homo sapiens
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304 <211> LENGTH: 17
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312 Gln
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318 <212> TYPE: PRT
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326 <210> SEQ ID NO: 12
327 <211> LENGTH: 11
328 <212> TYPE: PRT
329 <213> ORGANISM: Homo sapiens
331 <400> SEQUENCE: 12
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333 1 5 10
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337 <211> LENGTH: 7
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343 1 5
346 <210> SEQ ID NO: 14
347 <211> LENGTH: 11
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358 <212> TYPE: PRT
359 <213> ORGANISM: Homo sapiens
361 <400> SEQUENCE: 15
362 Gln Gly Asp Ser Leu Arg His Phe Tyr Ser Asn

VERIFICATION SUMMARY
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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date